

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : To Be Assigned Confirmation No. :
Applicant : Katsumi ISHIKAWA, et al.
Filed : February 24, 2004
TC/A.U. : To Be Assigned
Examiner : To Be Assigned
Docket No. : 056208.53279US
Customer No. : 23911
Title : Drive Circuit for Switching Device

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56

Mail Stop: Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

STATEMENT OF RELEVANCE

The relevance of these references (Japanese Laid-open No. H04-079758 and Japanese Laid-open No. H02-262826) to the subject matter of the present invention is given in the Background and Summary of the Invention in the specification of the present invention.

English abstracts summarizing the disclosures of the Japanese publications are submitted herewith.

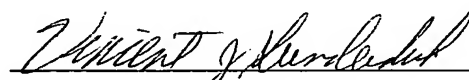
The present Information Disclosure Statement is being filed concurrently with the above-captioned application, and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.117(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket # 056208.53279US).

Respectfully submitted,

February 24, 2004



Vincent J. Sunderdick
Registration No. 29,004

CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844

VJS:adb
Document#305421

FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	Attorney Docket No. 056208.53279US	Serial No. To Be Assigned
	Applicant: Katsumi ISHIKAWA et al.	
	Filing Date February 24, 2004	Group

U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION	
							Yes	No
	AK	04-079758	3/1992	JP				
	AL	02-262826	10/1990	JP				
	A M	2003-169715	6/2003	JP				
	AN							
	AO							
	AP							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
	AQ							
	AR							
	AS							
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.								